

Converting Colors

$Y_{xy}(52.7392, 0.3265, 0.2715)$

Have a look what the booklet for
Yxy(52.7392, 0.3265, 0.2715)
contains.

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Color

Yxy(52.7392, 0.3265, 0.2715)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEABE1 |
| RGB | 238, 171, 225 |
| RGB Percent | 93%, 67%, 88% |
| CMY | 0.0666, 0.3295, 0.1175 |
| CMYK | 0.00, 0.28, 0.05, 0.07 |
| HSL | 312°, 66%, 80% |
| HSV | 312°, 28%, 93% |
| XYZ | 63.4230, 52.7392, 78.0890 |
| YIQ | 197.1890, 22.5980, 30.9980 |

Conversions

Conversions Part 2

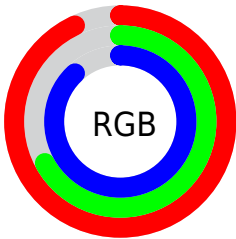
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 171, 225 |
| Decimal | 15641569 |
| CIE Lab | 77.72, 32.96, -17.43 |
| CIE LCh | 78, 37.283, 332.120 |
| Yxy | 52.7392, 0.3265, 0.2715 |
| Android (android.graphics.Color) | 4293831649 (0xFFEEABE1) |
| YUV | 197.1890, 13.7108, 35.7912 |
| Hunter-Lab | 72.6218, 28.8020, -12.9183 |

Details

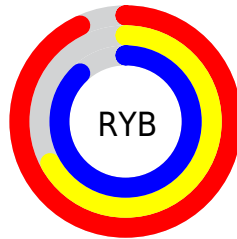
The Yxy color $52.7392, 0.3265, 0.2715$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73.2830, 0.3015, 0.3943$, and the grayscale version is $55.8627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $25.6829, 0.3288, 0.2575$ is the 20% darker color. If you saturate the color by 10%, you get $44.2966, 0.3327, 0.2510$, and if you desaturate by 10%, it is $62.8124, 0.3210, 0.2923$.

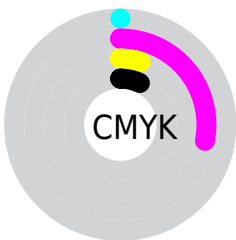
Distribution



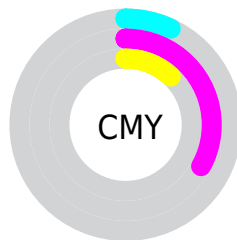
- Red (93%)
- Green (67%)
- Blue (88%)



- Red (93%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7392, 0.3265, 0.2715 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 52.7392, 0.3265, 0.2715 by changing the saturation by 10% instead.


 52.7392, 0.3265,
0.2715

 52.7392, 0.3265,
0.2715


397.2837, 0.3204,
0.2983

 37.5946, 0.3278,
0.2654


 94.2205, 0.3244,
0.2808

 25.6682, 0.3294,
0.2578


121.3260, 0.3236,
0.2844

 16.5756, 0.3314,
0.2482

153.1872, 0.3229,
0.2875

 9.9324, 0.3339,
0.2357

190.1887, 0.3223,
0.2902

 5.3541, 0.3370,
0.2186

232.7146, 0.3217,
0.2926

 2.4565, 0.3410,
0.1943

281.1495, 0.3212,

 0.8547, 0.3457,

0.2947

0.1573

335.8778, 0.3208,
0.2966

0.0000, 0.3742,
0.0000

0.0000, 0.0000,
0.0000

52.7392, 0.3265,
0.2715

52.7392, 0.3265,
0.2715

44.2966, 0.3327,
0.2510

62.8124, 0.3210,
0.2923

37.3905, 0.3395,
0.2318

74.5895, 0.3162,
0.3128

31.9282, 0.3468,
0.2147

88.1482, 0.3120,
0.3325

27.8039, 0.3544,
0.2009

96.2030, 0.3088,
0.3404

■ 24.8974, 0.3621,
0.1912

■ 96.4863, 0.3062,
0.3358

■ 23.0670, 0.3696,
0.1861

■ 96.7766, 0.3036,
0.3312

■ 22.1143, 0.3767,
0.1855

■ 96.9221, 0.3024,
0.3290

■ 21.9818, 0.3780,
0.1856

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.7392, 0.2773, 0.2527



52.7392, 0.3265, 0.2715



52.7392, 0.3753, 0.3031

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7392, 0.3265, 0.2715



52.7392, 0.3861, 0.4104



52.7392, 0.2266, 0.3044

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.7392, 0.3265, 0.2715



73.2830, 0.3015, 0.3943

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.7392, 0.2514, 0.3536



52.7392, 0.3265, 0.2715



52.7392, 0.3428, 0.4194

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.7392, 0.3265, 0.2715



52.7392, 0.4105, 0.3805



52.7392, 0.2934, 0.3985



52.7392, 0.2231, 0.2679

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.7392, 0.3265, 0.2715



52.7392, 0.3993, 0.3284



52.7392, 0.2934, 0.3985



52.7392, 0.2326, 0.3200

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.7415, 0.3265, 0.2715



87.4156, 0.3161, 0.3131



45.3981, 0.2724, 0.2494



18.2364, 0.3168, 0.3100



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.7415, 0.3265, 0.2715



55.5600, 0.3301, 0.2592



51.1193, 0.3550, 0.3057



15.9758, 0.3168, 0.3102



12.2788, 0.3770, 0.1850



1.0348, 0.3682, 0.1802

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.7415, 0.3265, 0.2715



55.5600, 0.3301, 0.2592



74.8219, 0.2831, 0.3538



15.9758, 0.3168, 0.3102



12.2788, 0.3770, 0.1850



1.0348, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 52.7392, 0.3265, 0.2715 looks on a white background.

Color Contrast Check

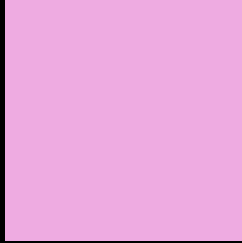
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 52.7392, 0.3265, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7392, 0.3265, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 52.7392, 0.3265, 0.2715.



This preview shows how white text looks on a background with the Yxy color 52.7392, 0.3265, 0.2715.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.7392, 0.3265, 0.2715

Protanopia

53.2584, 0.2728, 0.2735

Deuteranopia

53.1107, 0.2948, 0.2889



Tritanopia

52.6983, 0.3513, 0.3135

Trichromacy



Original Color

52.7392, 0.3265, 0.2715



Protanomaly

52.7207, 0.2909, 0.2728



Deuteranomaly

52.7807, 0.3059, 0.2823



Tritanomaly

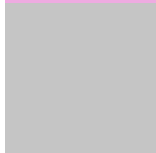
52.6339, 0.3421, 0.2982

Monochromacy



Original Color

52.7392, 0.3265, 0.2715



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4685, 0.3178, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7392, 0.3265, 0.2715 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 171, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 171, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.7392, 0.3265, 0.2715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 171, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 171, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 171, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 171, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 171, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 171,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7392, 0.3265, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
171, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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